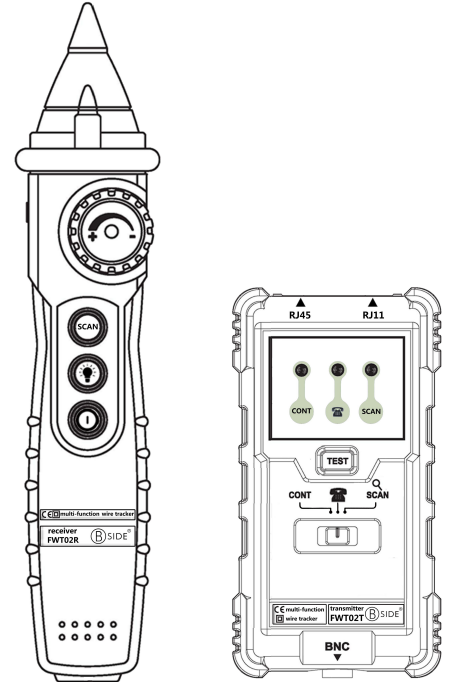


FWT02

Multi-function Wire Tracker

User Manual





bside.cn

Statement

According to the international copyright law, without permission and written consent, shall not be any copy the contents of this manual in any form.

The specification in future releases like has the change, without notice.

The use of this instrument, please read the instructions carefully and note that the relevant security warning.

Introduction

This set of tools are available for installation, and inspection of cable line maintenance, and for telephone lines, various state can determine the telephone line in the work, more convenient for telephone line installation, debugging and maintenance.

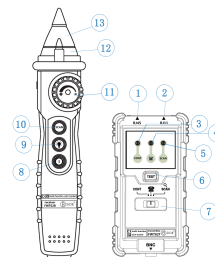
Function

- Judging whether the continuous cable line.

FWT02 multi-function wire tracker

- Tracking cable line, and the discrimination of the circuit breaker points.
- Receiving the cable lines (telephone line) of the audio signal.
- The telephone line to judge the work in the state (idle, ringing, off hook).
- The transmit audio signal to the target cable line.

Instrument Familiarization



RJ11 socket: The phone working state, level detection and interface line on the other wire.



bside.cn

RJ45 socket

Tracking cable line function indicator。

The telephone line working status or level detecting indicator。

Connectivity detection lamp

The key for The telephone line working state detection。

Pull button switch, is used to select the test function, and the power switch (the middle position is to turn off the power supply)。

The receiver power switch。

FWT02 multi-function wire tracker

Work lighting switch。

Tracking cable line function key, press and hold the key.

The sensitivity knob。

Audio receiving induction end。

Lighting lamp。

Testing of continuous

- CONT function test using the transmitter (suitable for the target cable ends together test):
 1. The transmitter pull button switch to the CONT position, RJ11 socket and then inserted into the transmitter with clamp fittings.



bside.cn

2. One end of the red clip target cable, black clip connected at the other end, CONT indicator lights, the target cable continuous. (the line resistance of less than 10K Ohm)
- Use the TONE function with the transmitter receiver test (test for target cable ends not together):
 1. The transmitter pull button switch to the TONE position, TONE indicator lights, RJ11 socket and then inserted into the transmitter with clamp fittings.
 2. The red clip target cable, and then use the receiving antenna receiver to close to the target cable, test button receiver receives the audio signal, it shows that the target cable continuous. At the same time can be adjusted by the volume knob to adjust the receiving volume size.



Warning!

FWT02 multi-function wire tracker

Unable to detect with heavy current lines, such as 220V

The transmit audio signal

1. The transmitter pull button switch to the TONE position, TONE indicator lights.
2. The belt clip accessories inserted into the RJ11 socket of the transmitter, the red clip on the target cable; or the end of the RJ45 connector cable accessories is inserted into the transmitter RJ45 socket, the other end is inserted into a socket on the target.
3. Then with the receiving antenna receiver to close to the target cable, test button receiver receives the audio signal. At the same time can be adjusted by the volume knob to adjust the receiving volume size.



Warning!

Unable to detect with heavy current lines, such as 220V

Tracking cable line

With the realization of the cable using the audio function



bside.cn

and tracking receiver

1. The transmitter pull button switch to the TONE position, TONE indicator lights.
2. The belt clip accessories inserted into the RJ11 socket of the transmitter, the red clip on the target cable; or the end of the RJ45 connector cable accessories is inserted into the transmitter RJ45 socket, the other end is inserted into a socket on the target.
3. Then with the receiving antenna receiver to close to the target cable, test button receiver receives the audio signal. At the same time can be adjusted by the volume knob to adjust the receiving volume size. So you can judge the trend of continuous and cable.



Unable to detect with heavy current lines, such as 220V

Telephone line state detection work

Detection of the work in the various states of the telephone

FWT02 multi-function wire tracker

line, only need the transmitter can be detected. The operation method of determining TIP or RING line:

1. The transmitter pull button switch in the telephone line function position (middle position).
2. The RJ11 socket RJ11 attachment crystal head end is inserted into the transmitter, the clip to a telephone line to be measured.
3. If the telephone line status indicator light (in the middle position of the pull button switch) bright red, red clip end is a TIP line, the black clip end for RING line; if the bright green, red clip end as RING line, TIP line for black clip end.

Determination of telephone lines in the work, ring and off hook state idle:

1. The transmitter pull button switch in the telephone line function position (middle position)



bside.cn

2. The RJ11 socket attachment RJ11 crystal head end is inserted into the transmitter, the red clip to the RING line, the black clip to TIP line.
3. If the telephone line status indicator light (in the middle position of the pull button switch) bright green, said telephone line is idle; if not bright said telephone line is off hook state; if the bright green or red at the same time a regular flash said telephone lines in ringing state.



Warning!
Unable to detect with heavy current lines, such as 220V

Replace the battery:

The transmitter battery replacement:

1. Use a screwdriver to screw fastening transmitter behind the battery cover, and then remove the battery cover.
2. To replace the new same type of battery.

FWT02 multi-function wire tracker

The receiver battery replacement:

1. The receiver back battery cover remove.
2. To replace the new same type of battery.

The matters needing attention:

1. When not in use, please put the transmitter from the test environment is taken off, and pull the knob switch to the OFF position (neutral position).
2. Do not let water equipment.
3. Do not put device for cable high voltage or electromagnetic environment, in strict accordance with the instructions operation.
4. Caution! Operation, in order to prevent equipment damage or personal injury.